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BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

VOL. 9, NO. 11, NOVEMBER 1971 (PAGE NOS. 169 - 190)

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
VETERINARY SCIENCES RESEARCH DIVISION
PLUM ISLAND ANIMAL DISEASE LABORATORY
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EXPLANATORY NOTE

- 1. ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY DISEASE.
- 2. DISEASES ARE INDICATED AT THE BEGINNING OF EACH GROUP.
- 3. MULTIPLE SUBJECT AREA, TWO OR MORE DISEASES COVERED IN ARTICLE.
- 4. UNDER DISEASE, ENTRIES ARE ARRANGED IN ALPHABETICAL ORDER BY AUTHOR'S NAME.
- 5. ON THE RIGHT MARGIN:

PIL - Article appears in a periodical (journal) in library.

PIL/A - Article authored by PIADL staff member(s).

NUMBER - Publication is available in "Reprint-File" under indicated number.

LIBR. CLASSIE. CALL NUTBER - Book is available in library. CIRC-File-Publication is in Circulating Files in library.

MULTIPLE SUBJECT AREA

ADLAKHA, S.C., BANSAL, M.P., and MALIK, B.S.

Studies on sheep- and goat-pox viruses.

I. Adaptation of the viruses in laboratory animals and tissue culture.

Sheep pox; Gcat pox.

Indian J. Anim. Sci. 41(3):171-175, 1971.

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BLOOD, D.C.

Veterinary medicine, by D.C. Blood, and J.A.

Henderson. 3rd ed. Baltimore, Md.,

Williams & Wilkins, xi, 927 p., illus., 1968.

(Noted 24 diseases in our interest area.)

SF 745 B3

CAMPBELL, R.S.F.

The role of veterinary science in the

developing tropics.

FMD; Caprine pleuro.; CBPP.

Trop. Anim. Health Prod. 3(3):146-155, 1971.

PIL

DINTER, Z., and DIDEFHOLM, H.

Bovine virus diarrhoea virus: inhibition of growth

by proflavine sulphate. Brief report.

Fowl plague; FMD; VSV.

Arch. Gesamue Virusforsch. 34(4):388-390, 1971.

PIL

HORTA-BARBOSA, L., FUCCILLO, D.A., and SEVER, J.L.

Chronic viral infections of the central nervous system.

Scrapile; Visna.

J. Am. Med. Assoc. 218(8):1185-1188, 1971.

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MAURER, F.D.

Emerging animal diseases.

ASF; Lumpy skin disease; RVF; AHS.

U.S. Gov. Res. Dev. Rep. 70(22): 5 AD-420 133,

Biores. Index 7(10):1689(72702), 1971.

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MULTIPLE SUBJECT AREA

NATIONAL RESEARCH COUNCIL. SUBCOMMITTEE ON AVIAN DISEASES. COMMITTEE ON ANIMAL HEALTH. AGRICULTURAL BOARD.

Identification and differentiation of avian viruses.

Duck plague; Fowl plague.

In: Methods for Examining Poult. Biol. and for Identifying and Quantifying Avian Pathogens, p. 261-290. Washington, D.C., National Academy of Sciences, 326 p., illus., 1971.

SF 995 N4

ROWLANDS, D.J., SANGAR, D.V., and BROWN, F.

Buoyant density of picornaviruses in caesium salts. FMD; VE.

J. Gen. Virol. 13(1):141-152, 1971.

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SHARMA, S.N., and DHANDA, M.R.

Immuno-diffusion studies on sheep- and gcat-pox viruses.

Sheep pox; Goat pox.

Indian J. Anim. Sci. 41(3):166-171, 1971.

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SHARMA, S.N., and DHANDA, M.R.

Studies on the interrelationship between sheepand goat-pox viruses.

Sheep pox; Goat pox.

Indian J. Anim. Sci. 41(4):267-272, 1971.

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VETERINARY TOPICS.

Venezuelan equine encephalomyelitis, p. 1-2.

Bovine mammillitis, p. 2.

Bull semen, p. 3-4.

VEE; BM; Semen.

Vet. Lett. (N.Y. State Vet. Coll.-Cornell Univ.) 10-71/79,

4 p., November 1971.

#8580/A

WARRINGTON, R.E.

The separation and biophysical examination of biologically active components of vesicular stomatitis and Teschen disease viruses.

VSV; Teschen.

Thesis--Ph.D., Reading Univ., p., 1967/8.

Index Vet. 39(1):243, 1971.

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AFRICAN HORSE SICKNESS

BORDEN, E.C., SHOPE, R.E., and MURPHY, F.A.

Physicochemical and morphological relationships of some arthropod-borne viruses to bluetongue virus — a new taxonomic group. Physicochemical and serological studies.

J. Gen. Virol. 13(2):261-271, 1971.

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MURPHY, F.A., and others.* Physicochemical and morphological relationships of some arthropod-borne viruses to bluetongue virus - a new taxonomic group. Electron microscopic studies. J. Gen. Virol. 13(2):273~288, 1971. *E.C. Borden, R.E. Shope, and A. Harrison. PIL AFRICAN SWINE FEVER STOLTZ, D.B. The structure of icosahedral cytoplasmic deoxyriboviruses. J. Ultrastruct. Res. 37(1-2):219-239, 1971. PIL BORNA DISEASE JAUSSIOMME, G.G. Qu'est-ce que la maladie de borna? (What is Borna disease?) Thesis -- Ec. Natl. Vet., Alfort, Paris, 53 p., 1970 (Fr.). Index Vet. 39(1):112, 1971. PIL CONTAGIOUS AGALACTIA OF SHEEP AND GOATS SPAIS, A., and GIANTZIS, N. Research on the effectiveness of erythromycin and spectinomycin in contagious agalactia of sheep and goats under field conditions. Kteniatr. Nea, Thessaloniki (Greece) 2:107-109, 1970 (Gr.e.). Index Vet. 39(1):212, 1971. PIL CONTAGIOUS BOVINE PLEUROPNEUMONIA AL-AUBAIDI, J.M., and FABRICANT, J. Methods for purification of mixed cultures of Myc oplasma. Cornell Vet. 61(4):559-572, 1971. PIL BÖHNEL, H. Recherches sur des causes de mortalite des veaux dans la savane sous-soudanienne du le nord de la Cote d'Ivoire. -- English summary. Bull. Epizoot. Dis. Afr. 19(2):143-157, 1971. PIL * * * FAO/OIE/OAU MEETING OF THE EXPERT PANEL ON CONTAGIOUS BOVINE PLEUROPNEUMONIA, 4th, 15 - 20 March 1971, Paris, France. Report. Rome, Food Agric. Organ. UN, Meet. Rep. AGA #8538/A 1971/6, 21 p., 1971. The following papers were presented: (continued p. 172)



FAO/OIE/OAU MEETING (continued from p. 171)

ATANG, P.G.

Development of a joint action for CBPP control in Africa.
Rapp. No. 25, 8 p.

#8538/a

COTTEW, G.S., and ETHERIDGE, J.R.

Isolation and recognition of Mycoplasma mycoides var. mycoides from pathological material using commercially available media.

Mimeogr. copy, 9 p.

#8538/c

EL NASRI, M.

Control of CBPP in the Sudan. Item 10-4, 2 p.

#85**3**8/a

HUDDART, J.E.

Control of CBPP in Uganda based on the work of J.E. Huddart.
Work. Pap. 71/14, 2 p.

#8538/14

MASIGA, W.N.

Achievements of OAU/STRC J.P. 16 Project. Mimeogr. copy, 8 p., i-vi.

#8538/e

ORUE, J., and DOUTRE, M.P.

Projet d'une campagne inter-etats de prophylaxie de la peripneumonie bovine dans la zone traversee par le fleuve Senegal (Senegal, Mauritanie, Mali).

Mimeogr. copy, 5 p.

#8538/g

ORUE, J., and DOUTRE, M.P.

Quality of the immunity produced by freeze-dried CBPP vaccines.

Mimeogr. copy, 10 p.

#8538/h

PEARSON, C.W., and LLOYD, L.C.

Immunoglobulins of cattle affected by contagious bovine pleuropneumonia.

Mimeogr. copy, 9 p.

#8538/i

PROVOST, A.

Adaptation sur plaques de la reaction de fixation du complement: application a la decentralisation du diagnostic.

Mimeogr. copy, 14 p.

#8538/j

PROVOST, A.

Observations sur la structure antigenique de <u>Mycoplasma mycoides</u> et de <u>Mycoplasma d'origine caprine</u>.

Work. Pap. 71/22, 5 p.

#8538/22

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CONTAGIOUS BOVINE PLEUROPNEUMONIA
  FAO/OIE/OAU MEETING (continued from p. 171-172)
      PROVOST, A., and QUEVAL, R.
         Note sur l'activite mycoplasmocide in vitro de
               quelques medicaments trypanocides.
            Work. Pap. 71/21, 3 p.
                                                                    #8538/21
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  KARIUKI, D.P.
      History of contagious bovine pleuropneumonia
            in Kenya.
         Bull. Epizoot. Dis. Afr. 19(2):111-116, 1971.
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  PERREAU, P.
      Present knowledge on pathology of cattle
            pleuropneumonia.
            Rev. Pathol. Comp. Med. Exp. 70(811):247-252,
            1970 (Fr.).
         Bibliogr. Agric. 35(9):56(058084), 1971.
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   SMITH, G.R.
      Experimental mycoplasma infections in unnatural
            laboratory animal hosts.
            Proc. R. Soc. Med. 64: 36, 1971.
         Index Vet. 39(1):210, 1971.
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   TAYLOR-ROBINSON, D., and others.*
      Isolation of T-mycoplasmas from dogs and squirrel
            monkeys: biological and serological comparison
            with those isolated from man and cattle.
         J. Gen. Microbiol. 68(1):97-107, 1971.
      *C. Martin-Bourgon, T. Watanabe, and J.P. Addey.
                                                                          PIL
CONTAGIOUS ECTHYMA OF SHEEP
   GRISHAEV, N.E., and SHCHEPETOVA, N.I.
      Biological test on cats for the diagnosis
            of ovine contagious ecthyma.
            Veterinariya (Mosc.) 47(10):112-113, 1970(Russ.).
         Index Vet. 39(1):91, 1971.
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DUCK PLAGUE
   DERZSY, D., and others.*
      Viral disease of gosling. III. Isolation,
            properties and antigenic pattern of
            virus strains.
            Acta Vet. 20(4):419-428, 1970.
         Bibliogr. Agric. 35(9):27(056220), 1971.
      *C. Dren, M. Szedo, J. Surjan, B. Toth, and E. Iro.
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KONTRIMAVICHUS, L.M.

Viral enteritis in young geese. Vet. Sb. 11:8-9, 1970 (Bulg.). Bibliogr. Agric. 35(8):17(052370), 1971.

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FOOT-AND-MOUTH DISEASE

BOHM, H.O,, KAADEN, O.R., and EISSNER, G. Untersuchungen über vereinzelte Maul- und Klauenseuche-Ausbrüche in der Bundesrepublik Deutschland im Jahre 1970. (Studies on isolated outbreaks of foot-and-mouth disease in the Federal German Republic in 1970.) English summary, p. 382. Zentralbl. Veterinarmed., Reihe B 18(5):373-384,1971. PIL BOROWKA, J. Beziehungen zwischen Seuchengeschehen und Bekampfungsmassnahmen am Beispiel der Maulund Klauenseuche, der Schweinepest und der atypischen Geflügelpest. (Relationships between the epidemiology of a disease and control measures, with reference to foot and mouth disease, swine fever and Newcastle disease.) Inaug. Diss., Tierarztl. Fak., Münch.,
178 p., 1970 (Ger.e.). Index Vet. 39(1):29, 1971. PIL BROOKSBY, J.B. Notes on the role of game animals in the epizoctiology of foot-and-mouth disease. Pap. pres. Jt. FAO/OIE Work. Group Rev. Criteria Governing Import. Beef from Countries not Entirely Free from Virus Dis. Exotic for Eur. with View to Facil. Inter-Reg. Trade. Paris, Fr., September #6826/2 14-16, 1971, 4 p. BROOKSBY, J.B., SELLERS, R.F., and BRUCE, W. Filter efficiency. Nature (Lond.) 228(5278):1237-1238, 1970. Index Vet. 39(1):31, 1971. PIL BURROUGHS, J.N., and others.* Further evidence for multiple proteins in the foot-and-mouth disease virus particle. J. Gen. Virol. 13(1):73-84, 1971. *D.J. Rowlands, D.V. Sangar, P. Talbot, and F. Brown. PIL BUSYGIN, K.F. Gel diffusion technique applied to antigens and antiserum in foot and mouth disease (a review). Uch. Zap. Kazan. Vet. Inst. 105:35-43, 1969(Russ.). Index Vet. 39(1):35, 1971. PIL BUTLER, J.E., WINTER, A.J., and WAGNER, G.G. Symposium: bovine immune system. J. Dairy Sci. 54(9):1309-1340, 1971. #8620 DARDA, P.N. Identification of types and variants of footand-mouth virus. Veterinariya (Mosc.) (1):105-106, 1971 (Russ.).

Bibliogr. Agric. 35(8):17(052376), 1971.

DICKINSON, D.A.

Foot and mouth disease exercise.

Inst. Vet. Insp. N. S. W. Vet. Insp. Annu.

33:29-35, 1969/1970.

Bibliogr. Agric. 35(7):15(048302), 1971.

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DIETZSCHOLD, B., and others.*

Polynucleotide sequence homologies among the RNAs of foot-and-mouth disease virus

types A, C and O.

J. Gen. Virol. 13(1):1-7, 1971.

*O.R. Kaaden, T. Tokui, and H.O. Böhm.

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EUROPEAN COMMISSION FOR THE CONTROL OF FOOT-AND-MOUTH DISEASE. MEETING OF THE RESEARCH GROUP OF THE STANDING TECHNICAL COMMITTEE. Tubingen, West Germany, October 20-22, 1971.

Report.

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Rome, Food Agric. Organ. UN, p., 1972. SF 793 E4

The following working papers were presented:

AHL, R.

Factors of interferon action in bovine interferons.

CHAPPUIS, G., MOREAU, Y., and MACKOWIAK, C.

Anticorps et immunite antiaphteuse chez les bovins.

DARBYSHIRE, J.H.

Serological relationships of some FMD strains employed in vaccines in Europe.

DIETZSCHOLD, B., KAADEN, O.R., and BOHM, H.O. Hybridization studies with types and subtypes of FMDV.

EISSNER, G., and KAADEN, O.-R.

L'emploi des souches myotropes pour l'epreuve d'efficacite des vaccins antiaphteux.

GRAVES, J.H.

Latent infection and virus interactions in the pathogenesis of foot-and-mouth disease.

KAADEN, O.R., and others.*

Further studies on FADV carrier state in cattle including investigations in the field.

*G. Eissner, B. Dietzschold, and H.O. Böhm.

LEUNEN, J.

Fievre aphteuse vaccin pour porcs.

LEUNEN, J.

Stabilite du vaccin antiaphteux porc au DEAE dextran.

(continued p. 176)

EUROPEAN COMMISSION FOR THE CONTROL... (continued from p. 175)

MATHEKA, H.D., KAADEN, O.R., and DIETZSCHOLD, B.
Preparation of purified A2-FMDV by polyethyleneglycol (PEG) and sucrose-gradient centrifugation,
and determination of the N-terminal amino acids
of this virus and its degradation products.

MUNTIU, N., and others.*

Duration of FMD immunity in one year aged cattle after the first vaccination with 10 PD50. *V. Dohotaru, A. Bercan, G. Mircescu, C. Stirbu, and A. Tomescu.

MUNTIU, N., and others.*

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*V. Dohotaru, A. Bercan, and O. Eustafievici.

PAY, T.W.F., and others.*

I. Some observations on FMD virus inactivation with acetyethyleneimine (AEI).

*R.C. Telling, B.L. Kitchener, and J. Southern.

PAY, T.W.F., and others.*

II. The use of tissue cultures for the safety testing of FMD vaccines.

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PRUNET, P., GIRAUD, M., and GUERCHE, J.

Vaccination du porc contre la fievre-aphteuse.

Description d'un vaccin trivalent O.A.C.

REDA, I.M., and WITTMANN, G.

The use of passive immunohemolysis as a method for differentiation between types and subtypes of foot-and-mouth disease virus (FMDV).

STROHMATER, K.

Systematic studies on the concentration and purification of FMDV and presentation of some new data on molecular parameters of the virus and its protein coat.

TRAUB, E.

Relative sensitivity of indirect complement fixation and of a plaque-reduction test in FMD.

TRAUB, E., KESTING, F., and ORAL, M.
A serological study of 5 Turkish type A strains.

UHLMANN, W.

Potency testing of commercial trivalent footand-mouth disease vaccines in adult mice by means of modified complement-fixation tests.

(continued p. 177)

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EUROPEAN COMMISSION FOR THE CONTROL.... (continued from p. 175-176) WITTMANN, G., BAUER, K., and MUSSGAY, M. A survey on experiments on vaccination of pigs against foot-and-mouth disease virus with the aid of EEI/DEAE-dextran vaccines, which have been done in the Federal Research Institute for Animal Virus Diseases in Tubingen for the last 3 years. -X- EVRANOVA, G.B., and TRYAPKIN, B.M. Histochemistry of ovaries from guinea-pigs infected with foot and mouth disease virus. Uch. Zap. Kazan. Vet. Inst. 105:94-98, 1969(Russ.). Index Vet. 39(1):68, 1971. PIL GOLOVCHENKO, A.P. Dinamika nakopleniya virusa i virusneitralizuyushchikh antitel v krovi i limfe trakheal'nogo limfoprotoka krupnogo rogatogo skota pri eksperimental'nom yashchure. (Dynamics of the accumulation of virus and neutralising antibody in the blood and lymph of the tracheal lymph duct of cattle with experimental foot and mouth disease.) Mater. 2nd God. Nauchn. Konf., Mosc.: 20-22, 1970 (Russ.). Foot and Mouth Dis. Bull. (Wellcome Res. Labs., Kent) 10(10):179, 1971. SF 793 W4 GOSMANOV, R.G. Preparative ultracentrifugation of a tissue suspension of lapinized foot and mouth disease virus. Uch. Zap. Kazan. Vet. Inst. 105:20-23, 1969(Russ.). Index Vet. 39(1):90, 1971. PIL HENDERSON, W.M. The veterinary component of animal production. Br. Vet. J. 127(10):453-459, 1971. PIL IVANOV, V.S. I. Propagation of foot and mouth disease virus in cells exposed to ultraviolet light. Mater. 2nd God. Nauchn. Konf., Vses. Inst. Eksp. Vet., Mosc., p. 113-114, 1970 (Russ.). Index Vet. 39(1):110, 1971. PIL IVANOV, V.S. II. Effect of ultraviolet light on the virus. Mater. 2nd God. Nauchn. Konf., Vses. Inst. Eksp. Vet., Mosc., p. 117-118, 1970 (Russ.).

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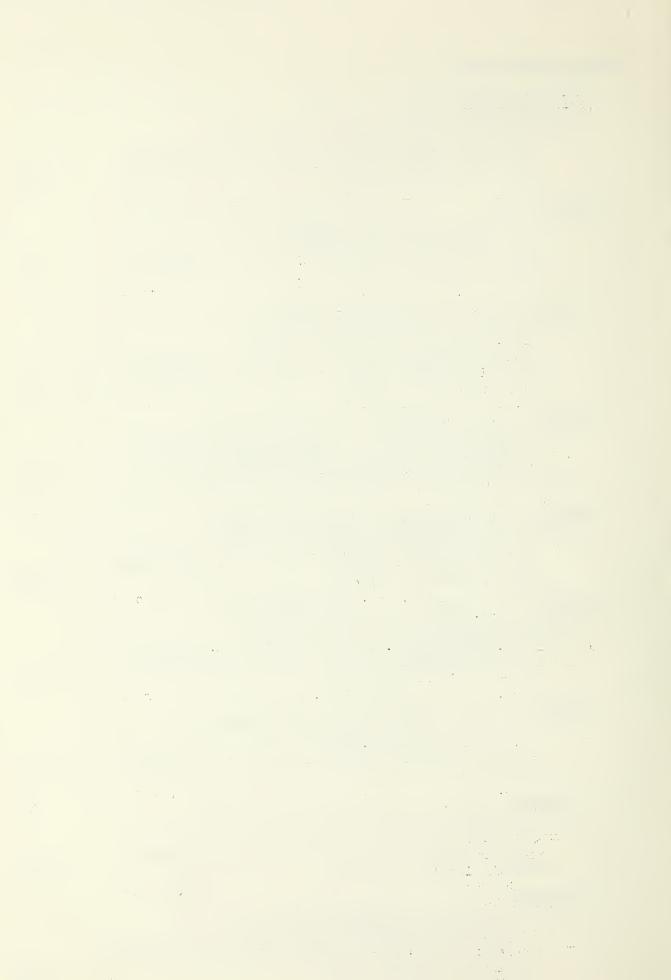
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         Uch. Zap. Kazan. Vet. Inst. 105:90-93, 1969(Russ.).
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   Effect of 8-azoguanine on the multiplication of
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   Preparation of foot and mouth disease
         hyperimmune serum in cocks, rabbits
         and guinea-pigs.
         Uch. Zap. Kazan. Vet. Inst. 105:32-34, 1969(Russ.).
      Index Vet. 39(1):121, 1971.
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KOZHAEVA, G.I., and others.*
   Purification of cultured foot-and-mouth virus.
         Veterinariya (Mosc.) (1):41-42, 1971 (Russ.).
      Bibliogr. Agric. 35(8):17(052388), 1971.
   *A.P. Prostiakov, Z.F. Tokarik, and A.A. Syusyukin.
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KRIVOVA, T.S., SHAGNIEV, M.G., and KAZAKOV, Kh.Sh.
   Effect of X-irradiation on antibody formation
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         Uch. Zap. Kazan. Vet. Inst. 105:99-102, 1969 (Russ.).
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   Tests for immunogenicity of foot and mouth
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      Index Vet. 39(1):123, 1971.
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   Effect of age on the susceptibility of guinea-pigs
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NOVOSHINOV, G.P. Foot and mouth disease in mice: effect on ECG and glycogen content of the myocardium. Uch. Zap. Kazan. Vet. Inst. 105:50-54, 1969(Russ.). Index Vet. 39(1):162, 1971.	PIL
NURIEV, G.G., FESHINA, I.P., and BELKINA, A.V. Pentoxyl (5-hydroxymethyl-6-methyluracil) as a stimulant of postvaccinal immunity in foot and mouth disease. Uch. Zap. Kazan. Vet. Inst. 105:55-59, 1969(Russ.). Index Vet. 39(1):162, 1971.	PIL
OLEINIKOV, O.G. Interference and sensitivity of virulent and attenuated foot-ard-mouth virus to interferons. Veterinariya (Mosc.) (1):39-41, 1971 (Russ.). Bibliogr. Agric. 35(8):17(052387), 1971.	PIL
PAPPOUS, C., BROVAS, D., and KARDASSIS, I. Study of a strain of type A foot and mouth disease virus (Greece 69) which caused the 1969 epidemic in Greece. Delt. Hell. Kteniatr. Hetair. 21:153-166, 1970 (Gr.e.f.). Index Vet. 39(1):168, 1971.	PIL
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Vet. Rec. 89(16):447-449, 1971.	PIL

TYURIKOVA, R.P.

Effect of guanidine on reproduction of foot and mouth disease virus. Ueh. Zap. Kazan. Vet. Inst. 105:69-76, 1969(Russ.). Index Vet. 39(1):237, 1971.

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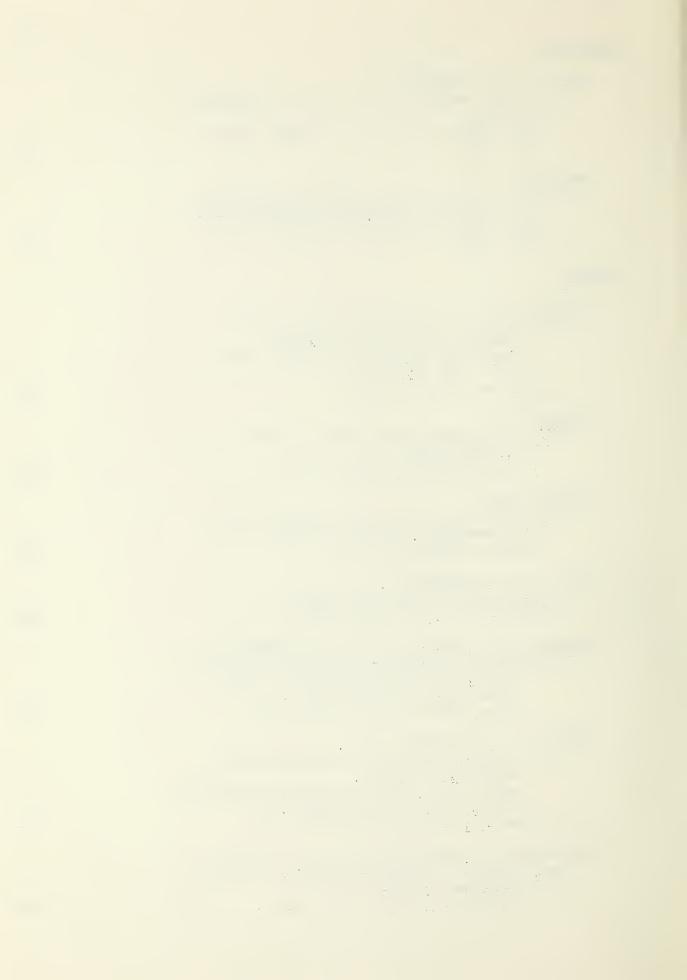
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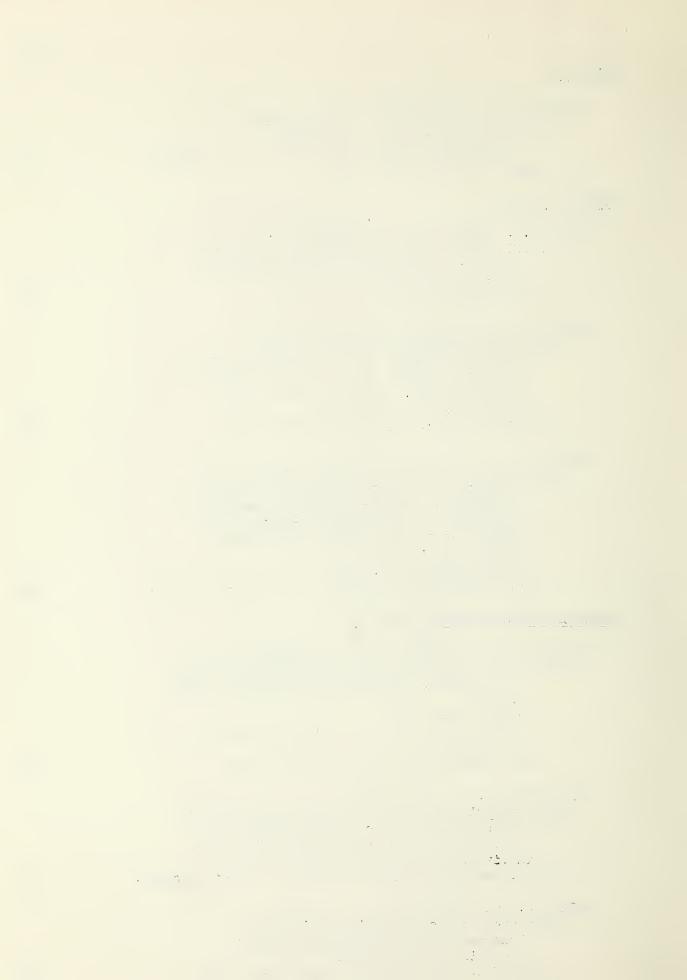
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